

IN THE SPECIFICATION:

Please amend the paragraph beginning at page 27, line 29 as follows:

a Before describing a specific manner of detecting and predicting pump cavitations in more detail, there are a couple of important factors that ~~effect~~ affect or are related to cavitation within a pump disposed, for example, within a fluid line. In analyzing a pump to determine if cavitation is likely, there are two aspects of NPSH (Net Positive Suction Head) which must be considered. First, NPSHa (Net Positive Suction Head available) is the suction head present at the pump suction orifice over and above the vapor pressure of the liquid. NPSHa is a function of the suction system and is independent of the type of pump in the system.

Applicant respectfully submits that no new matter is introduced by this amendment.